

FIG. 1

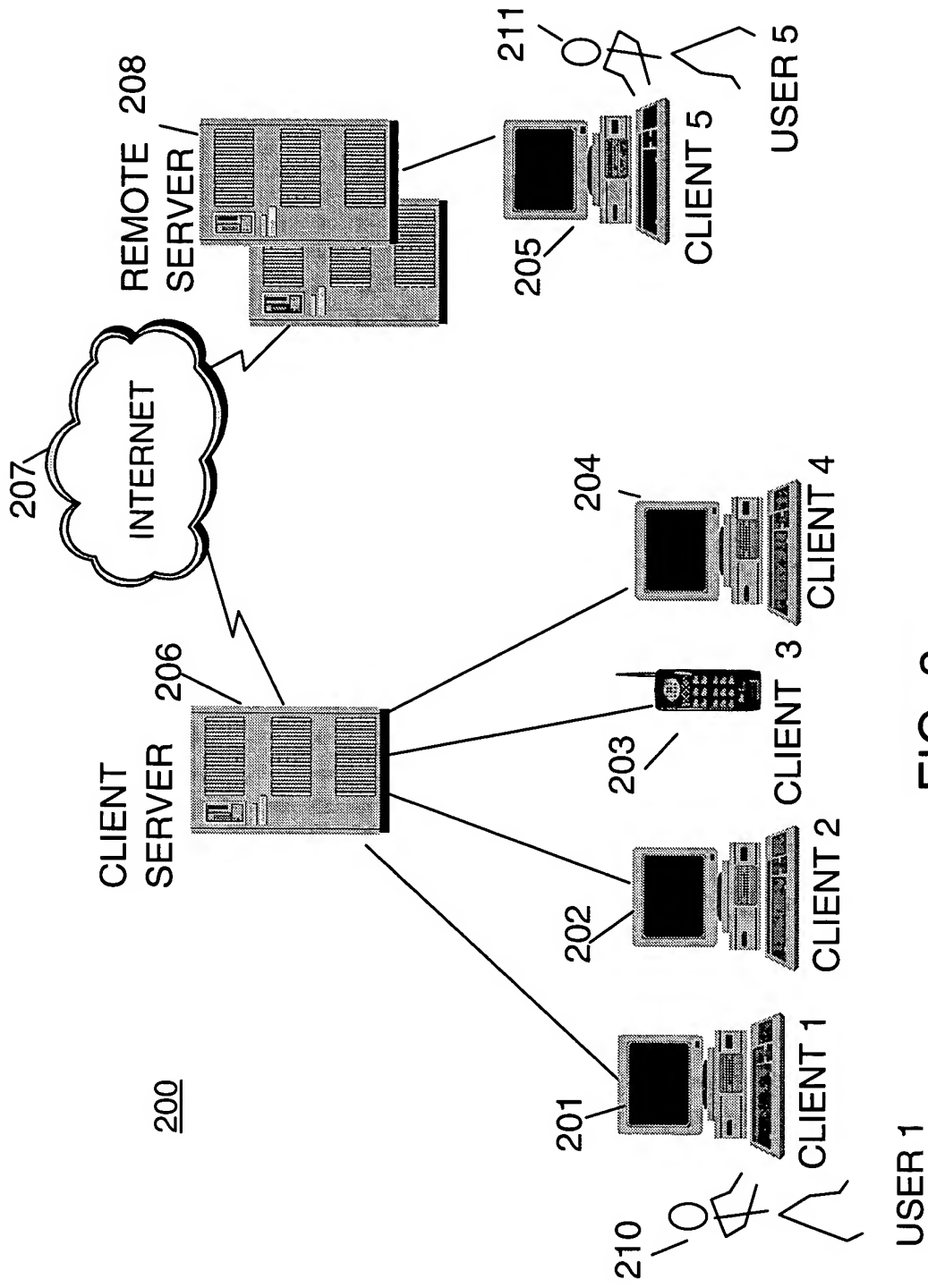


FIG. 2

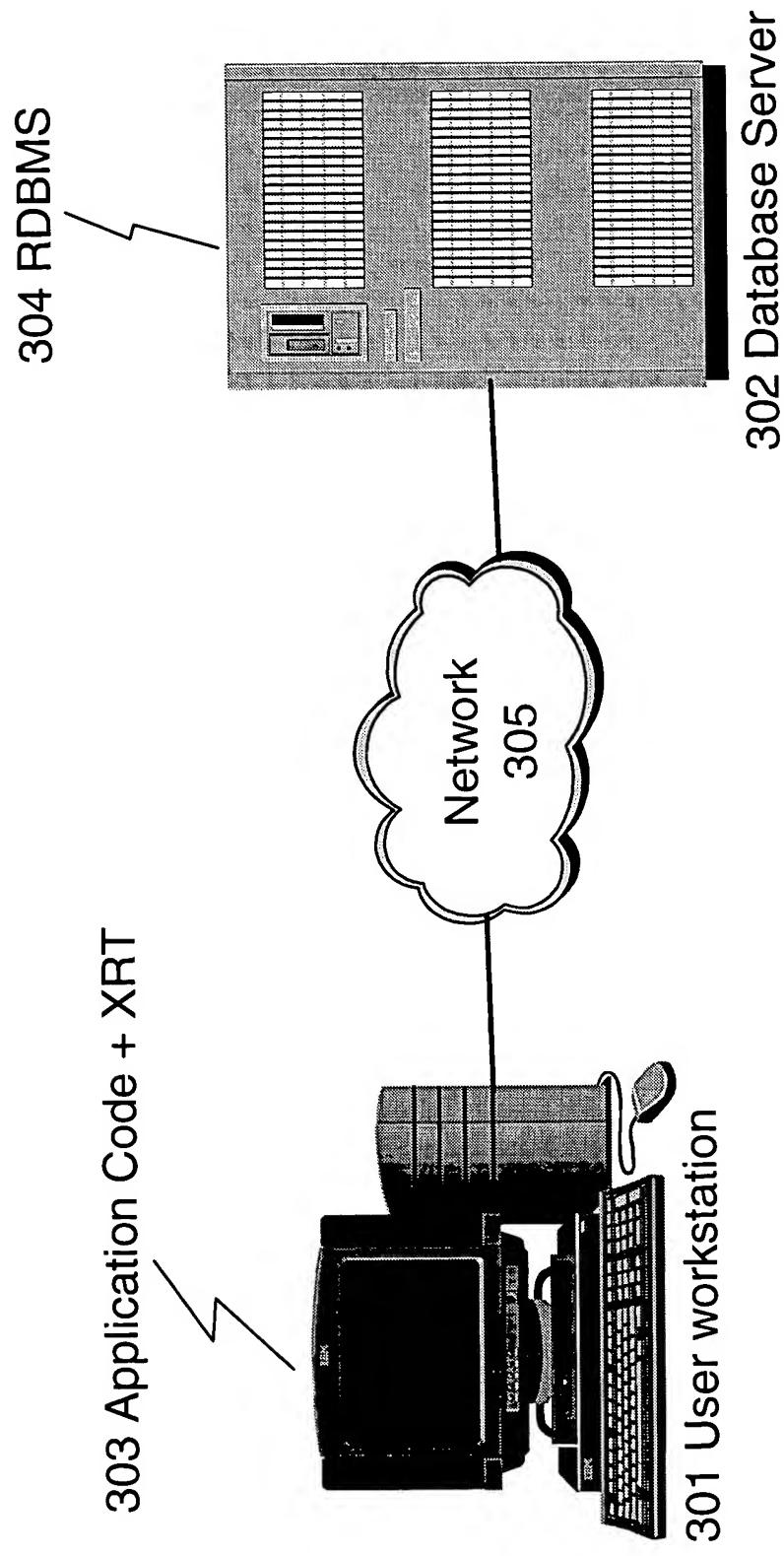


FIG. 3A Exemplary Embodiment

314 Application Code + XRT
315 RDBMS

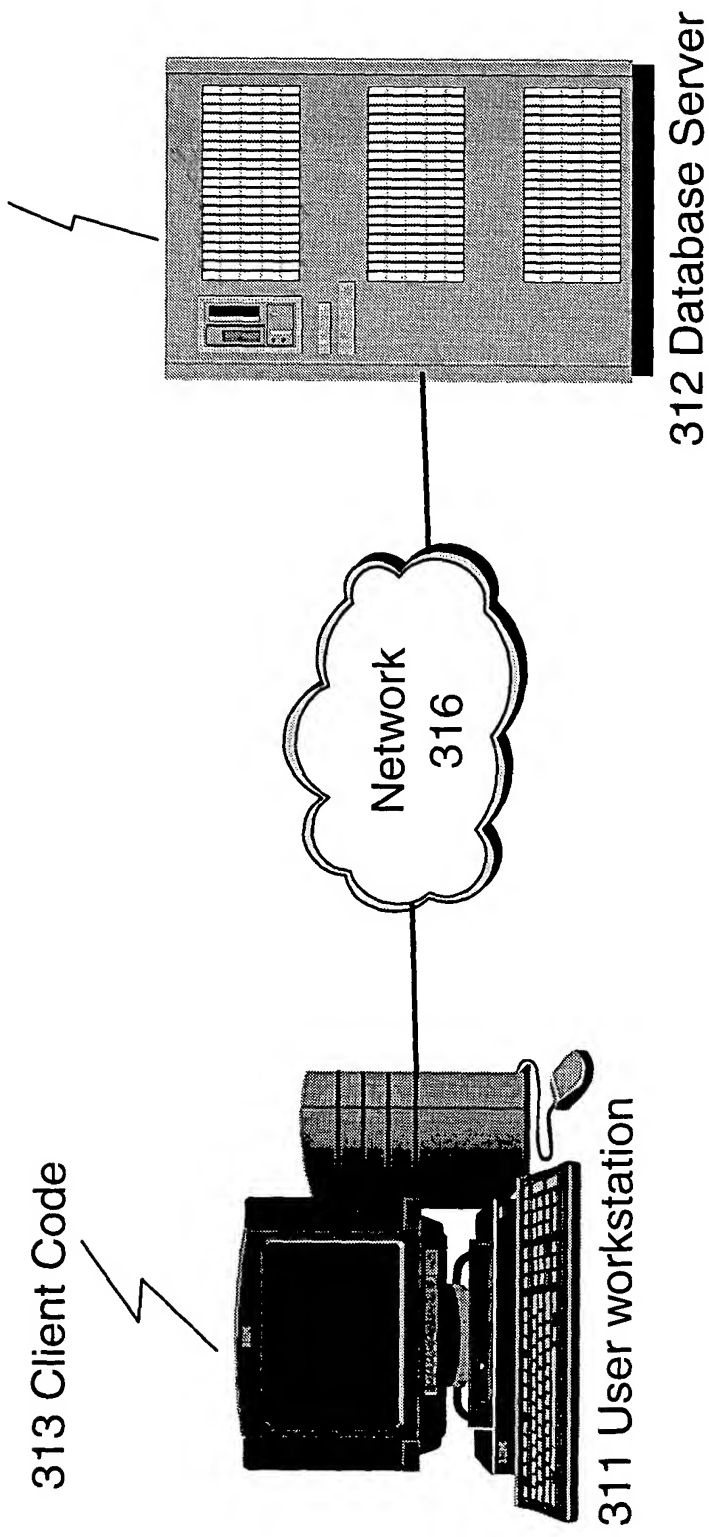


FIG. 3B Exemplary Embodiment

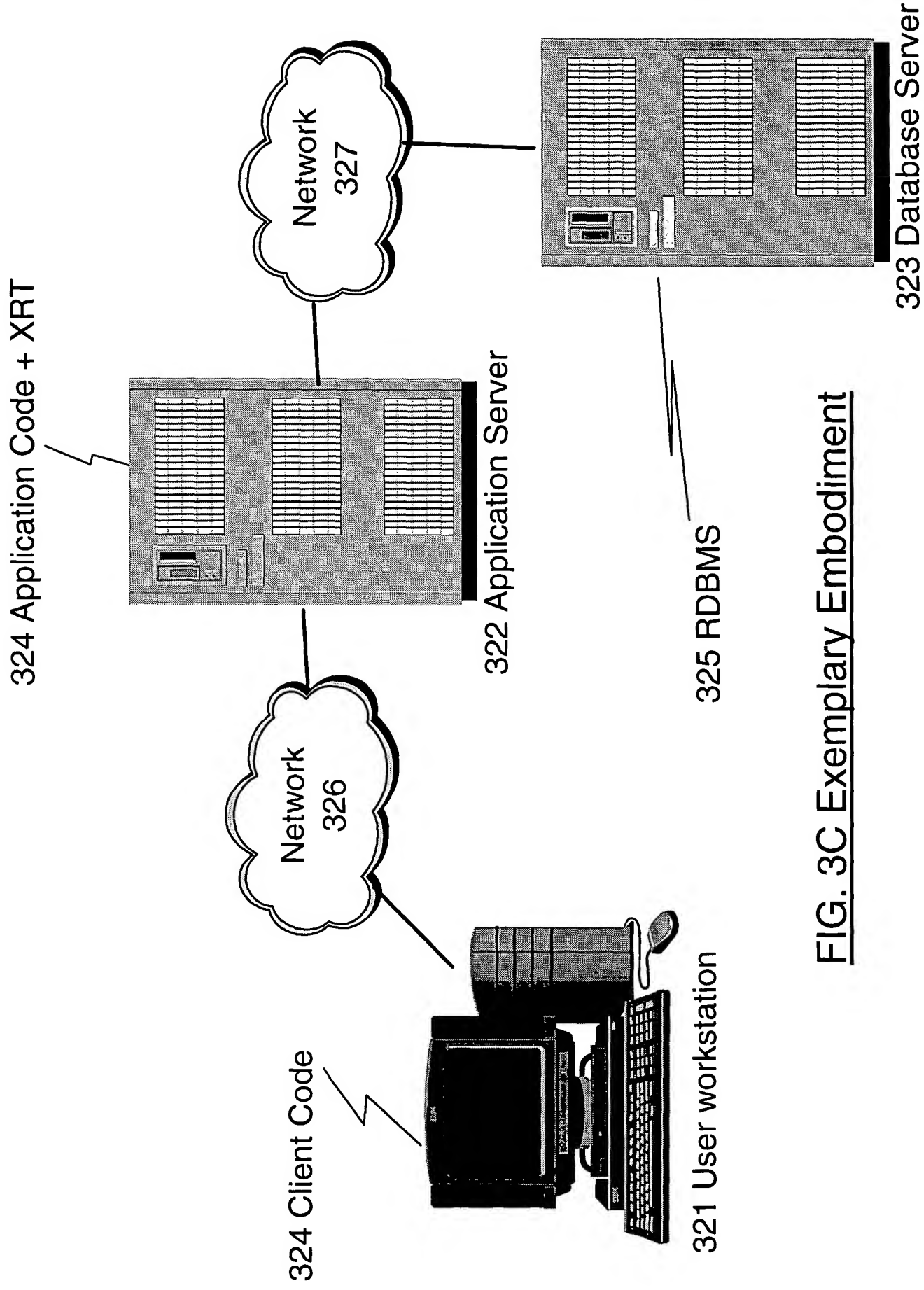


FIG. 3C Exemplary Embodiment

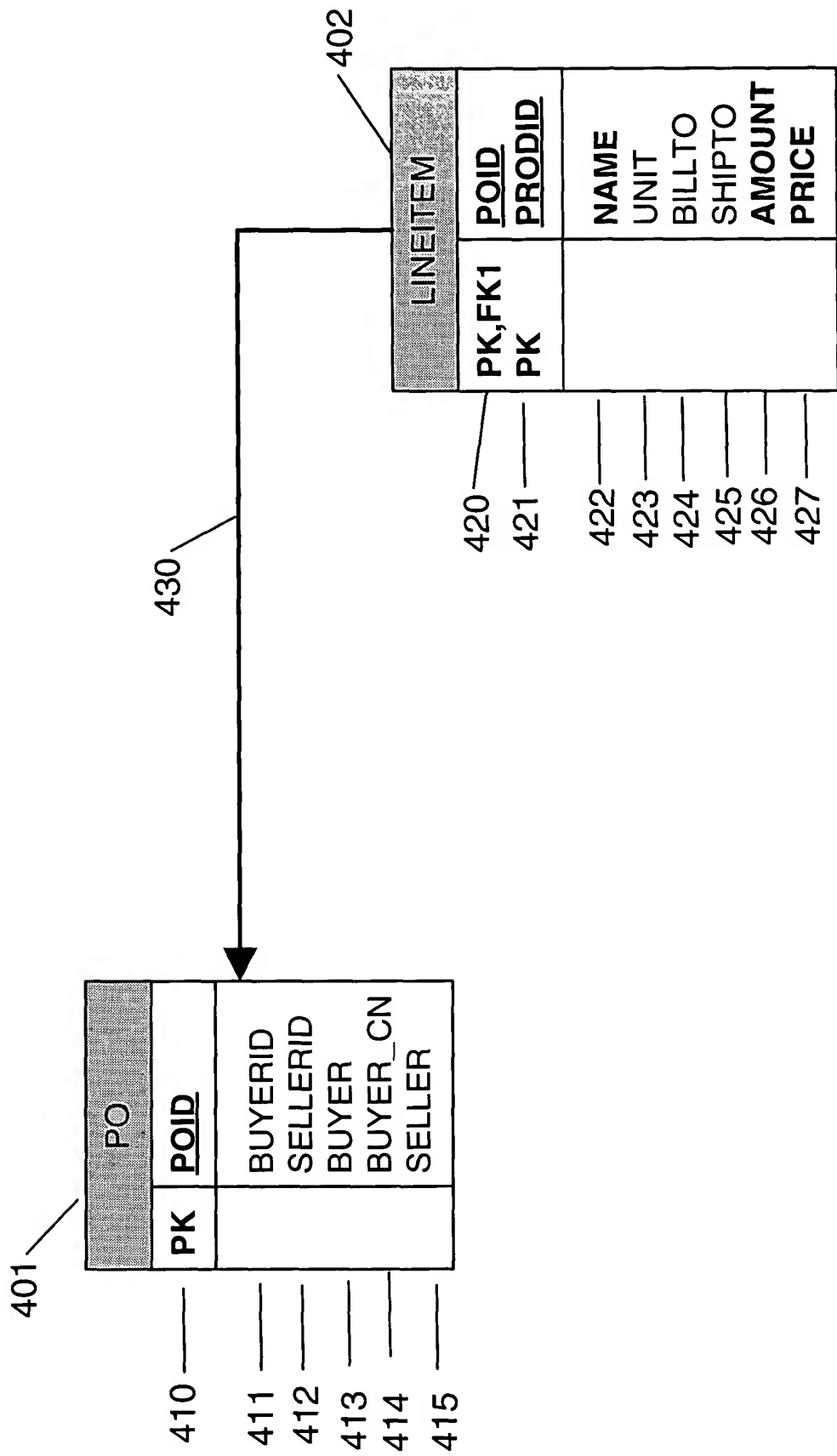


FIG. 4 Example Database Schema

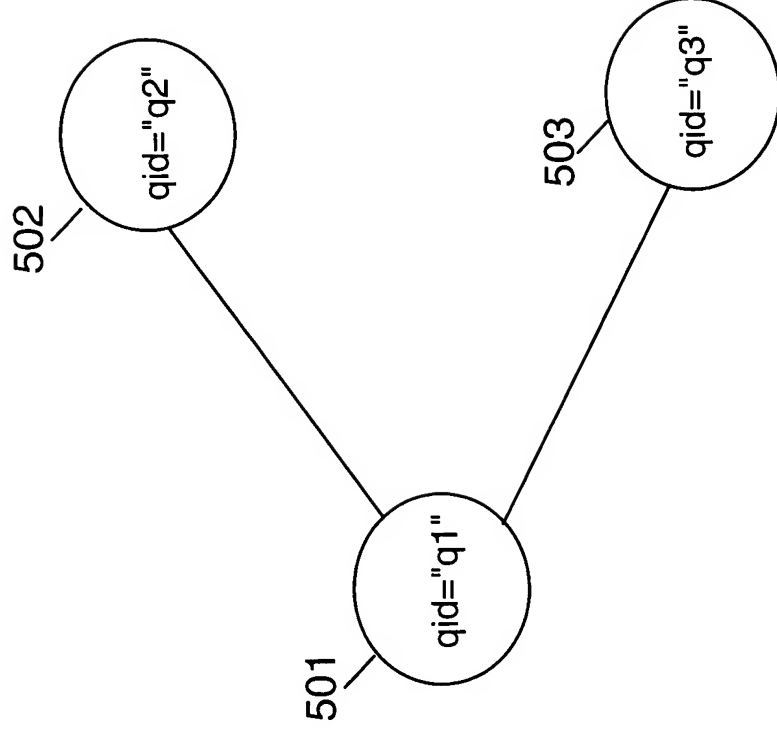


FIG. 5 Search Tree

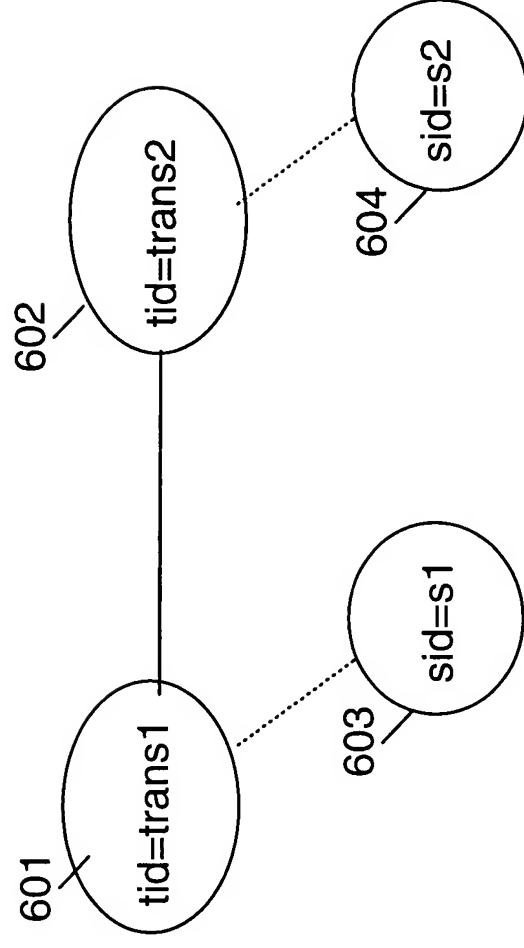


FIG. 6 Transaction Tree

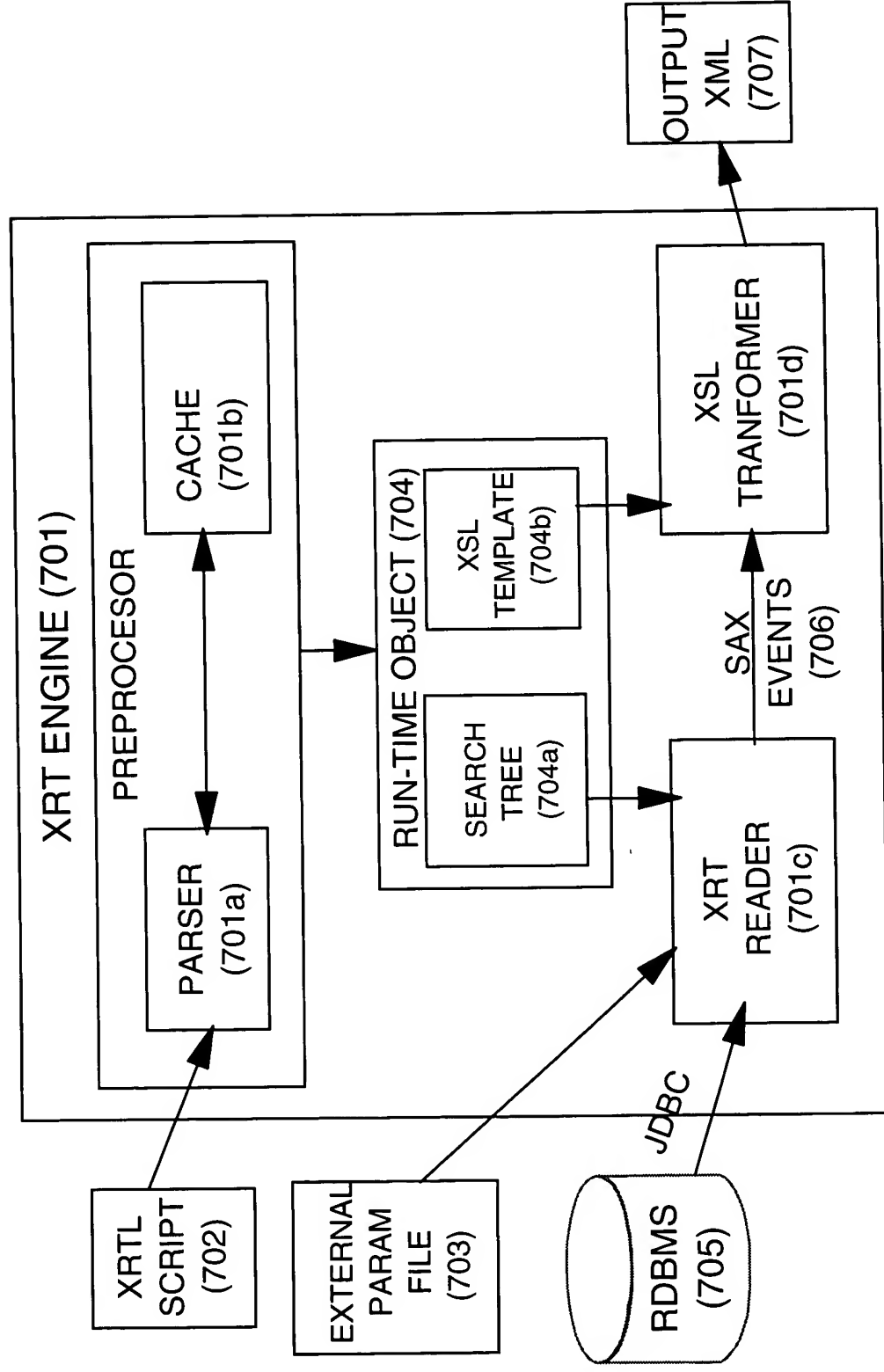


Fig. 7. Detailed XRT Retrieval Procedure

XRT RETRIEVAL PROCEDURE

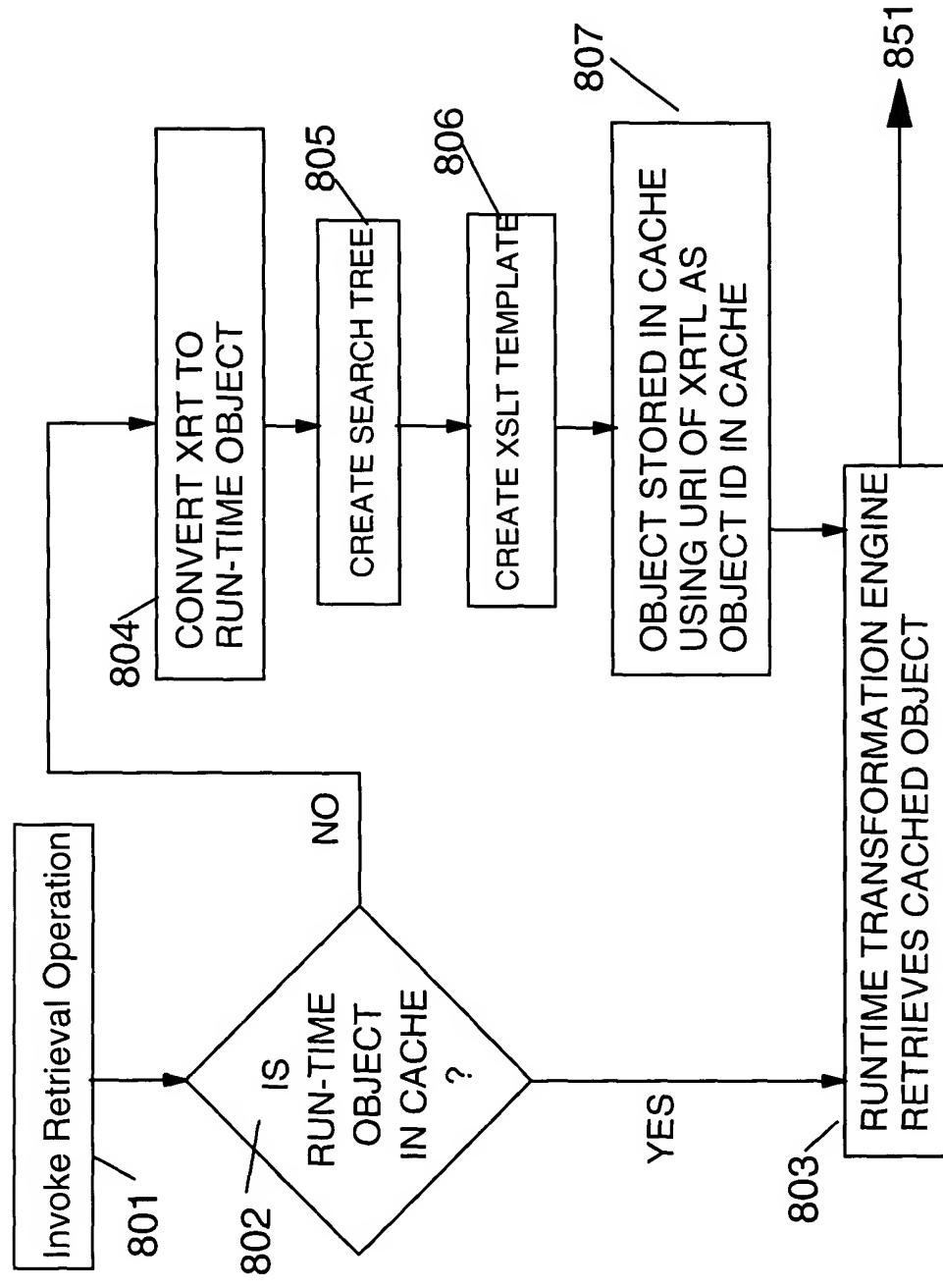


Fig. 8A XRT Retrieval Procedure Flow Diagram

XRT RETRIEVAL PROCEDURE

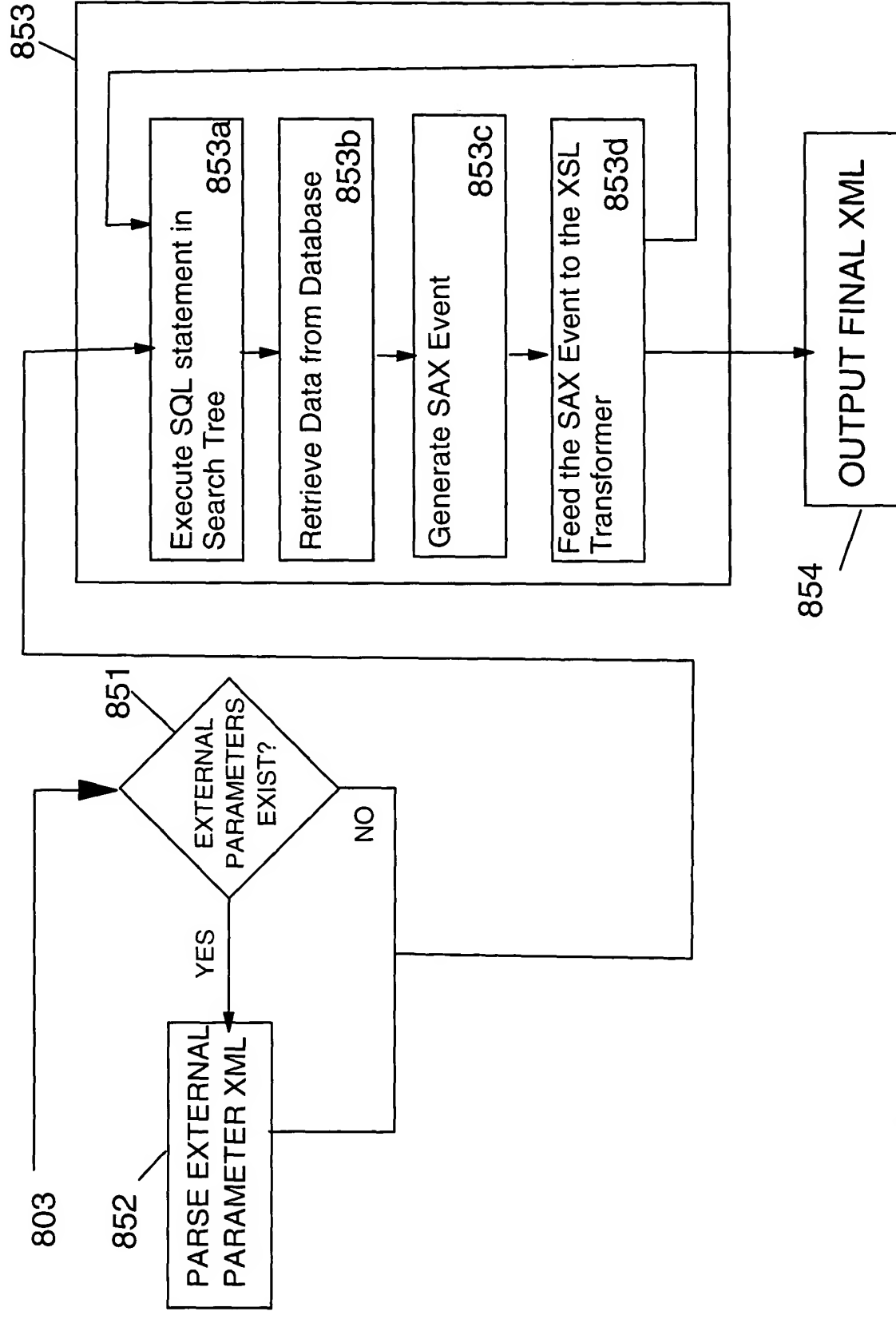


Fig. 8B XRT Retrieval Procedure Flow Diagram (Cont.)

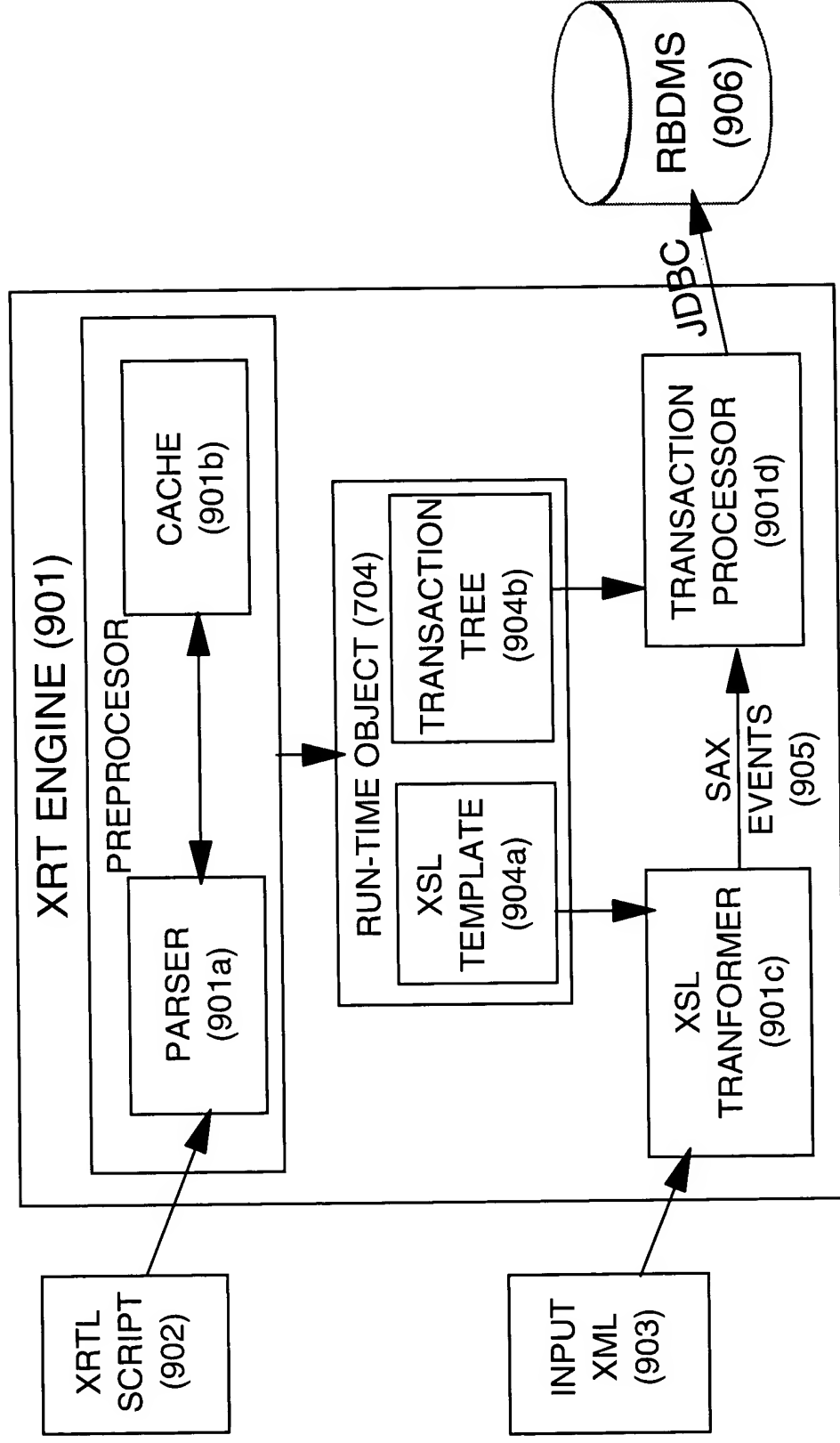


Fig. 9. Detailed XRT Shredding Procedure

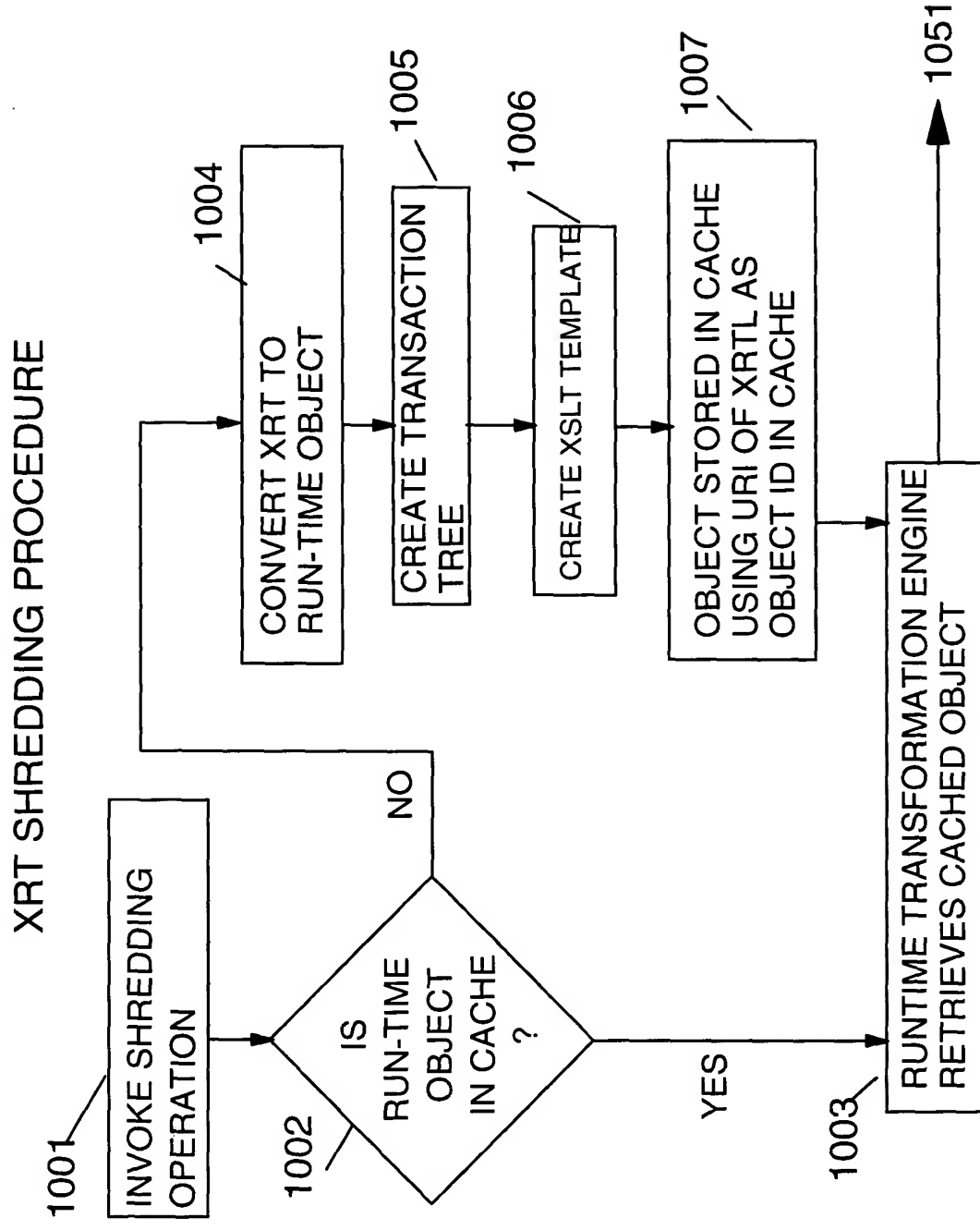


Fig. 10A XRT Shredding Procedure Flow Diagram

XRT SHREDDING PROCEDURE

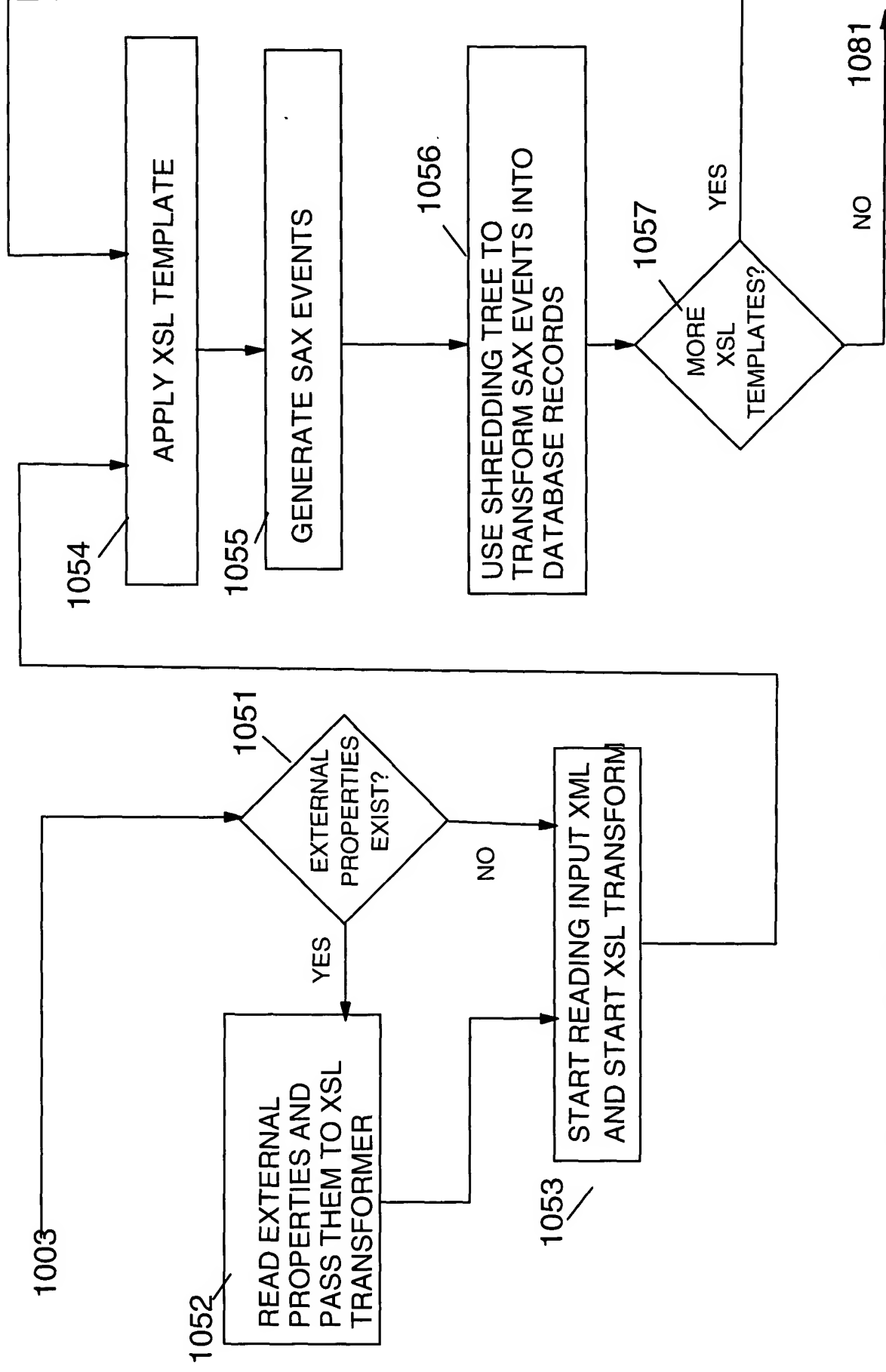


Fig. 10B XRT Shredding Procedure Flow Diagram (Cont.)

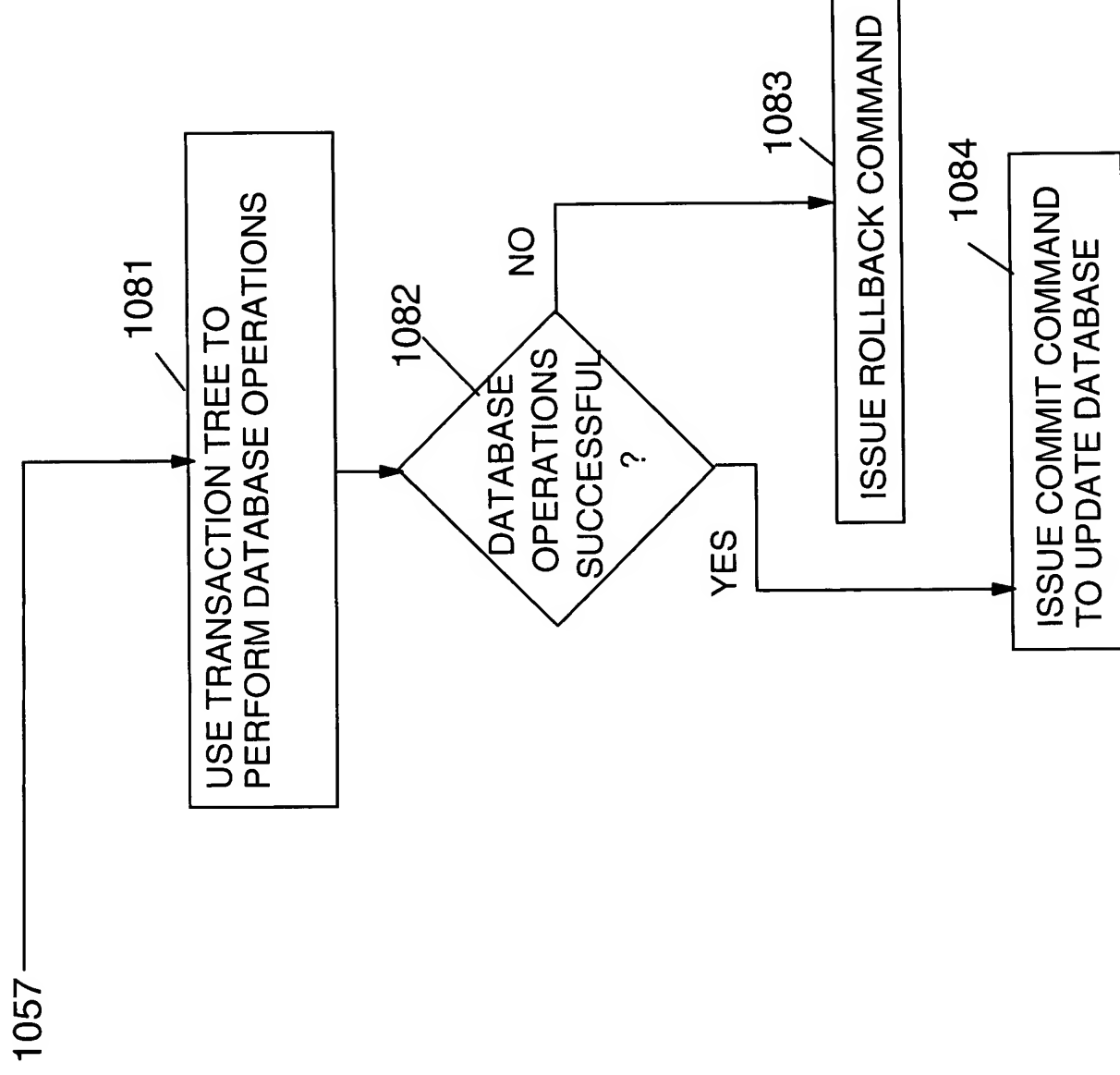


Fig. 10C XRT Shredding Procedure Flow Diagram (Cont.)